

AMENDMENTS TO THE CLAIMS

1. **(Canceled)**
2. **(Canceled)**
3. **(Currently amended)** A method for treating abnormal ~~nervous and/or endocrine~~ regulation of [[a]] skin capillary blood flow comprising:
 - a) identifying a patient in need of increased skin capillary blood flow, and
 - b) applying a perfluorocompound emulsion to a cutaneous surface, wherein said perfluorocompound emulsion induces an increase in skin capillary blood flow.
4. **(Canceled)**
5. **(Previously presented)** The method of Claim 3, wherein the perfluorocompound emulsion is in a cosmetic and/or dermatological preparation that further comprises at least one ingredient selected from the group consisting of a medicinal compound, another biologically active compound, an antiseptic compound, an antioxidant, a stabilizing compound, a coloring agent and an aromatizing additive.
6. **(Previously presented)** The method of Claim 3, wherein said application results in increased flexibility of walls of precapillary artirioles.
7. **(Previously presented)** The method of Claim 3, wherein said application results in increase of synthesis of collagenous and elastine fibers in capillary walls.
8. **(Previously presented)** The method of Claim 3, wherein said application results in increase of index of reserve capillary blood flow (CBR%).
9. **(Previously presented)** The method of Claim 3, wherein said abnormal nervous and/or endocrine regulation of the skin capillary blood flow causes flassid, atonic, stressed or aged skin condition, atopic dermatitis, neurodermitis or angiopathy.
10. **(Previously presented)** The method of Claim 9, wherein said abnormal nervouiangiopathy is caused by diabetes, cardio-vascular disease, or psoriasis.
11. **(New)** A method for treating abnormal regulation of a skin capillary blood flow comprising:
 - a) administering a perfluorocompound emulsion to a cutaneous surface of a patient, wherein said perfluorocompound emulsion induces an increase in skin capillary blood flow, and

- b) measuring in said patient the effect of said perfluorocompound emulsion on skin capillary blood flow.